

connector means having a contact range for relative movement between said contact means and said connecting element thereby preventing said force applied to said connecting element from reaching said contact means[.] and

a housing securely holding said connecting element, said housing being fastened to the circuit board and absorbing said forces applied to said connecting element during said forming of said electrical connection.

2/
6. (Once amended) A connector in accordance with claim [5]

1/
15, wherein:

1/
A said [first] connector means forms a slidable connection between said connecting element and the wire, whereby said connecting element and the wire slide together.

3/
7. (Once amended) A connector in accordance with claim [5]

1/
15, wherein:

1/
P1 said [second] plug connector means forms a slidable connection between said connecting element and said contact means, whereby said connecting element and the contact means are formed to slide together and create an electrical connection when said connecting element and said contact means are slid together.

4/
8. (Once amended) A connector in accordance with claim [5]

1/
15, wherein:

P1 said [second] plug connector means can form said electrical connection between said contact means and said [contacting] connecting element before said [first] connector means forms said electrical connection between said connecting element and the wire.

⁵/₉. (Once amended) A connector in accordance with claim [5] ~~15~~, wherein:

P1 said [first] connector means [is] can repetitively [connectable and disconnectable between] electrically connect and disconnect said connecting element and the wire, with an amount of effort for [said connectability] connecting being substantially equal to [the] an amount of effort for [said disconnectability] disconnecting.

⁶/₁₀. (Once amended) A connector in accordance with claim [5] ~~15~~, wherein:

P1 said [second] connector means is moveable with respect to said contact means for said blocking of said force applied to said connecting element when the wire is connected to said connecting element, while still maintaining said electrical connection between said contact means and said connecting element.

⁷/₁₁. (Once amended) A connector in accordance with claim [5] ~~15~~, wherein:

P₁ said [first] connector means has cutting/clamping elements on said connecting element, said cutting/clamping elements defining a slot means for receiving the wire and making said electrical connection between said connecting element and the wire.

¹¹
~~12~~. (Once amended) A connector in accordance with claim [5]
⁹
~~11~~, further comprising:

a housing securely holding said [contacting] connecting [element] means, said housing being fastened to the circuit board for absorbing said force applied to said connecting [element] means.

cont.
Sub C
~~13~~. (Once amended) A connector in accordance with claim [12]
~~15~~, wherein:

said contact means is movably [mounted] located in said housing.

~~14~~. (Once amended) A connector in accordance with claim [10]
~~5~~, wherein:

said [second] plug connector means has resilient fork arms.

¹
~~15~~. (Once amended) A connector bank between a wire and a circuit board, the connector comprising:

a connecting element formed of flat sheet metal and having cutting/clamping [clamping] members on one end, said cutting/clamping [clamping] members defining a slot for receiving

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the wire, said slot having edges for making electrical contact with the wire, said cutting/clamping [clamping] members being forced apart during said electrical contact and applying said force to said [contact] connecting element, said connecting element extending downwardly toward the circuit board and receiving said force from said cutting/clamping [clamping] members during said electrical contact;

contact means for forming an electrical connection to the circuit board[;], said contact means having a plug [a second] connector means forming an electrical connection between said contact means and said connecting element, said [second] plug connector means having a contact range allowing relative movement between said contact means and said connecting element thereby preventing said force applied to said connecting element from reaching said contact means[.];

said plug connector means forming a fork-type contact surrounding a portion of said flat sheet metal for sliding contact upon said application of said force to separate said cutting/clamping members; and

a housing securely holding said connecting element, said housing being fastened to the circuit board and absorbing said force supply to said connecting element by said cutting/clamping members.

REMARKS

Claims 3 through 15 are in this application and presented for consideration and claims 5 through 15 have been amended.